

CLAIMS

What is claimed is:

- 1 1. A machine-readable medium having embodied thereon an image
 2 management program, the program being executable by an
 3 electronic device to perform method steps for capturing,
 4 controlling and managing an image, the method steps
 5 comprising:
 6 receiving an image from an image capture device coupled
 7 to the electronic device;
 8 managing the display of the image on a display screen
 9 constituent to the electronic device;
 10 managing the display of a graphical user interface on
 11 the display screen, the user interface comprising at
 12 least one interactive icon, the interactive icon
 13 being capable of executing a routine within the
 14 program upon activation of said icon by a user.
- 1 2. The machine-readable medium of Claim 1, further comprising
 2 the step of controlling one or more operational modes of
 3 the image capture device.
- 1 3. The machine-readable medium of Claim 1, further comprising
 2 the step of transmitting said image from said electronic
 3 device to a remote device.
- 1 4. The machine-readable medium of Claim 1, wherein said
 2 program is transferred from the image capture device to the
 3 electronic device for execution.
- 1 5. The machine-readable medium of Claim 1, wherein said
 2 program is transferred from an external magnetic medium to
 3 the electronic device for execution.

- 1 6. The machine-readable medium of Claim 1, wherein said
2 program is transferred from an external optical medium to
3 the electronic device for execution.
- 1 7. The machine-readable medium of Claim 1 wherein said
2 electronic device is a handheld device.
- 1 8. A system for capturing and managing images, comprising:
2 an electronic device, further comprising:
3 a processor,
4 a display, for selectively displaying text and one
5 or more live or stored images, and
6 a memory, for storing said images;
7 an image capture device removably attached to said
8 electronic device; and
9 an image management engine loaded into said memory and
10 executed by said processor, the image management
11 engine capable of implementing a plurality of
12 functions for capturing, managing and viewing said
13 images.
- 1 9. The system of Claim 8, wherein said electronic device
2 further comprises a transmission source for transmitting
3 image data from said electronic device to a remote device.
- 1 10. The system of Claim 9, wherein said transmission source is
2 wireless.
- 1 11. The system of Claim 10 wherein said wireless transmission
2 source is infrared.
- 1 12. The system of Claim 8 wherein said image capture device is
2 a digital camera.

1 13. The system of Claim 8 wherein said image management engine
2 is loaded into said memory from an external magnetic
3 medium.

1 14. The system of Claim 8 wherein said image management engine
2 is loaded into said memory from an external optical medium.

1 15. The system of Claim 8 wherein said image capture device
2 comprises an internal memory.

1 16. The system of Claim 15 wherein said image management engine
2 is pre-loaded in said internal memory of said image capture
3 device.

1 17. The system of Claim 16 wherein said image management engine
2 is automatically downloaded and stored in said memory of
3 said electronic device upon attachment of said image
4 capture device to said electronic device.

1 18. The system of Claim 8 wherein said image management engine
2 presents one or more graphical user interface icons on said
3 display of said electronic device to facilitate capture or
4 management of images.

1 19. A method for managing live images on an electronic device,
2 comprising the steps of:

3 providing a display for viewing said images on said
4 electronic device;

5 providing a camera for capturing said images; and

6 providing one or more image control functions that
7 execute by selecting same.

1 20. The method of Claim 19 further comprising the step of
2 providing a memory to store said image after capturing.

1 21. The method of Claim 19 wherein said image is captured by
2 said camera by programming an automatic timer.

1 22. The method of Claim 21 wherein said image is captured by
2 programming said automatic timer to capture said image
3 within a user-specified time.

1 23. The method of Claim 21 wherein an image is captured by
2 programming said automatic timer to capture a user-
3 specified number of images at a user-specified time
4 interval.

1 24. The method of Claim 19 further comprising the step of
2 providing a transmission source for transmitting selected
3 image data to a remote device after capturing.